BRUHAT BANGALORE MAHANAGARA PALIKE

RAJARAJESHWARI NAGAR ZONE

WORK ORDER SCHEDULE 'B'

Name of Work : Providing M & R to Elecrtrical installation of BBMP building in ward No 16,17 & 37

Name of the Agency:-Prema Electrical Enterprises

Sl.No	Qty	Description of Item	Unit	Rates as per Sanctioned estimate		Amount
				In figure	In words	
1		Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. (Item No. - 1.1)				
	25	19/20mm dia 2mm thick (Item No. - 1.1.1)	Mtr	54.00	Rupees Fifty Four Only	1350.00
2		Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required. (Item No. - 1.8)				
	30	25mm (Item No. - 1.8.2)	Mtr	26.00	Rupees Twenty Six Only	780.00
3		Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A (Item No. - 2.1)				
	2	Short point upto 3Mtr from tapping point to out let via switch (Item No. - 2.1.1)	Point	174.00	Rupees One Hundred and Seventy Four Only	348.00
	5	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch (Item No. - 2.1.2)	Point	245.00	Rupees Two Hundred and Forty Five Only	1225.00
	5	Long point above 6Mtr upto 10Mtr from tapping point to out let via switch (Item No. - 2.1.3)	Point	363.00	Rupees Three Hundred and Sixty Three Only	1815.00
4		Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. (Item No. - 2.5)				
	100	1.5 sqmm (Item No. - 2.5.2)	Mtr.	18.60	Rupees Eighteen Only Paise Sixty Only	1860.00
	200	2.5 sqmm (Item No. - 2.5.3)	Mtr.	29.20	Rupees Twenty Nine Only Paise Nineteen Only	5840.00
	200	4 sqmm (Item No. - 2.5.4)	Mtr.	42.10	Rupees Forty Two Only Paise Ten Only	8420.00
	50	6 sqmm (Item No. - 2.5.5)	Mtr.	63.80	Rupees Sixty Three Only Paise Seventy Nine Only	3190.00
5		Supplying and drawing PVC flexible copper wire of approved make in place of deteriorated wire. (Item No. - 2.7)				
	50	23/0.0060" (Item No. - 2.7.4)	Mtr.	8.00	Rupees Eight Only	400.00
6		Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A (Item No. - 3.7.A)				
	10	Stepped Fan Regulator. (Item No. - 3.7.A.4)	Each	286.00	Rupees Two Hundred and Eighty Six Only	2860.00
7	20000	Supplying and fixing hylum plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc., and fixing on existing wood or metal box using N.F. screws. (Item No. - 3.1)	Sq CM	0.22	Rupees Zero Only Paise Twenty Two Only	4400.00

8		Supplying....way plastic gang box and fixing using necessary wooden/ rawl/phill plugs and screws. (Item No. - 3.13)				
	10	2 to 4 way gang box (Item No. - 3.13.2)	No	29.00	Rupees Twenty Nine Only	290.00
	15	6 to 10 way gang box (Item No. - 3.13.3)	No	53.00	Rupees Fifty Three Only	795.00
9		Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A (Item No. - 3.15.A)				
	60	6Amps SP Switch (Item No. - 3.15.A.1)	No	35.00	Rupees Thirty Five Only	2100.00
	10	6Amps 2way Switch (Item No. - 3.15.A.2)	No	49.00	Rupees Forty Nine Only	490.00
	15	6Amps 3 way 5 pin Socket (Item No. - 3.15.A.3)	No	53.00	Rupees Fifty Three Only	795.00
	25	6Amps 3 pin Top (Item No. - 3.15.A.4)	No	51.00	Rupees Fifty One Only	1275.00
	25	6Amps Bakelite ceiling rose (Item No. - 3.15.A.5)	No	43.00	Rupees Forty Three Only	1075.00
	25	6 Amps lamp holder (Item No. - 3.15.A.6)	No	48.00	Rupees Forty Eight Only	1200.00
	10	6 Amps bell push (Item No. - 3.15.A.7)	No	48.00	Rupees Forty Eight Only	480.00
	10	6 Amps bell buzzer (Item No. - 3.15.A.8)	No	117.00	Rupees One Hundred and Seventeen Only	1170.00
	10	16 Amps SP switch (Item No. - 3.15.A.9)	No	89.00	Rupees Eighty Nine Only	890.00
	10	16 Amps 3 way 5 pin socket (Item No. - 3.15.A.10)	No	94.00	Rupees Ninety Four Only	940.00
	10	16 Amps 3 pin top (Item No. - 3.15.A.11)	No	77.00	Rupees Seventy Seven Only	770.00
	10	32 Amps Bakelite DP (Item No. - 3.15.A.12)	No	156.00	Rupees One Hundred and Fifty Six Only	1560.00
	10	16/6 Amps combined plug and socket with control switch	No	268.00	Rupees Two Hundred and Sixty Eight Only	2680.00
10		Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders & main connectors. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic. (Item No. - 4.7)				
	5	1x4'-28 Watts (Item No. - 4.7.1)	Each	990.00	Rupees Nine Hundred and Ninety Only	4950.00
11		Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.				
	5	63Amps (Item No. - 6.7.3)	Each	234.00	Rupees Two Hundred and Thirty Four Only	1170.00
12		Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. (Item No. - 6.16)				
	10	5-32Amps SP (Item No. - 6.16.1)	Each	418.00	Rupees Four Hundred and Eighteen Only	4180.00
	5	5-32 Amps DP (Item No. - 6.16.3)	Each	849.00	Rupees Eight Hundred and Forty Nine Only	4245.00
	1	40-63Amps TPN (Item No. - 6.16.6)	Each	1936.00	Rupees One Thousand Nine Hundred and Thirty Six Only	1936.00
13	3	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia (Item No. - 7.1)	No	2727.00	Rupees Two Thousand Seven Hundred and Twenty Seven Only	8181.00
14		Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire (Item No. - 7.22.A)				
	30	8 SWG (Item No. - 7.22.A.3)	Mtr	19.50	Rupees Nineteen Only Paise Fifty Only	585.00
15		Supplying wall mounting fan suitable to operate at single-phase 230v A.C. supply. (Item No. - 9.4)				

16		Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable. (Item No. - 11.2)				
	50	2Pair (Item No. - 11.2.2)	Rmt.	13.00	Rupees Thirteen Only	650.00
17		Supplying and fixing one of 230 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws (Item No. - 16.2)				
	2	Ding Dong Bell (Item No. - 16.2.1)	Each	200.00	Rupees Two Hundred Only	400.00
18		Supplying and fixing/replacing condenser for ceiling fan/MV/SV/MH and other luminaries. (Item No. - 16.3)				
	5	upto 4mfd (Item No. - 16.3.1)	Each	104.00	Rupees One Hundred and Four Only	520.00
19		Rewinding a ... mm ceiling fan/after using necessary gauge annealed and insulated copper wire with necessary insulating, separators vibration arresting shellac, etc including replacement of bearings if any transportation to and from the spot to workshop inclusive of releasing the refixing. (Item No. - 16.4)				
	5	1200MM (Item No. - 16.4.3)	Each	630.00	Rupees Six Hundred and Thirty Only	3150.00
20	8	Releasing the existing fan dismantling testing painting after removing the existing painting by scraping and cleaning (spray method) not less than 2 coats of approved make enamel paint to a ceiling fan and wiring and fixing of the same. (Item No. - 16.5)	Each	278.00	Rupees Two Hundred and Seventy Eight Only	2224.00
21	13	Supply and fixing of heavy duty open construction ferromagnetic copper ballast for 20/40 watts fluorescent tubes. (Item No. - 16.11)	Each	200.00	Rupees Two Hundred Only	2600.00
22	25	Releasing the existing FTL Fitting all capacities, checking, testing and installing at same place. (Item No. - 16.12)	Each	30.00	Rupees Thirty Only	750.00
23		Supplying and fixing/replacing of fluorescent tube. (Item No. - 16.15)				
	40	18 to 40Watts (Item No. - 16.15.1)	No	75.00	Rupees Seventy Five Only	3000.00
24	20	Supply and fixing of 230 volts 20/40 watts starter for fluorescent lamp. (Item No. - 16.18)	No	31.00	Rupees Thirty One Only	620.00
25	20	Supply and fixing of 230 volts 20/40 watts fluorescent lamp holder. (Item No. - 16.19)	No	31.00	Rupees Thirty One Only	620.00
26		Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. (Item No. - 17.7)				
	5	On wall / ceiling / Rafter / Girders (Item No. - 17.7.1)	Each	98.00	Rupees Ninety Eight Only	490.00
27	4	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired. (Item No. -17.9)	Each	237.00	Rupees Two Hundred and Thirty Seven Only	948.00
		Total				99913.00
		Tender Premium: -0.90% below				

I Agree to carry Out this work at **-0.90%** Below the rates notified above as per the directions of Engineer incharge of Work

Executive Engineer(Electrical)

Rajarajeshwarinagar zone, BBMP

Contractor Seal & Sign

For PREMA ELECTRICAL ENTERPRISES

Proprietor